zambit 2

	10 CAGGA GTCCT			GCTCT					
	60		70		80		90		100
GCTGG CGACC	CAGGA GTCCT	TGGCC ACCGG	CCCTT GGGAA	CCTGC GGACG	AGGTC TCCAG	CCCCA GGGGT	CAGCC GTCGG	TTCTG AAGAC	GGTTC
	110 ACGAG TGCTC								
	160		170		180		190		200
	ACTCT TGAGA								
	210 GGAAA CCTTT								
7000	260		270		280		290		300 *
	ACTGA TGACT								
GTTAT CAATA	310 ACCTC TGGAG	AAACC TTTGG	320 AGCTA TCGAT	GATAG CTATC	330 TTTCT AAAGA	CTACC	GTGGG	ATACC TATG	350 CTCCC GAGGG
	360		370		380	104	390		400
	CTTTA GAAAT								TATAC
	410 GAGGG CTCCC								
	460		470		480		490		500
CGCCT GCGGA	CTGCC GACGG	CTGGC GACCG	ÇATGG GTACC	CACTG GTGAC	CTGTC GACAG	AGTTT TCAAA	CTTGG GAACC	TACCT ATGGA	GTCTC CAGAG
AACAG	510 CAGCC GTCGG	TTGTC AACAG	520 ACGTG TGCAC	AGACT TCTGA	TACCG	TGGCG ACCGC	540 GTGGG CACCC	GGTGG CCACC	550 GGGCA CCCGT
	560		570		986 580	•	590	ė	600
GGAAT CCTTA	CCTAG GGATC	AAGCA TTCGT	CAGGA GTCCT	GTGAC CACTG	ATAGG TATCC	GTCGG CAGCC	GTCGG CAGCC	GCAGA CGTCT	GCGAA CGCTT
GTGTA		TGATC	<b>Q</b> CCAA						650 ACACT TGTGA
	660		670	-	680		690		700 *
GTCCT CAGGA	CCCAT GGGTA	TCAAA AGTTT	ACTCC TGAGG	CAGTC GTCAG	TGGAG ACCTC	CTCTG GAGAC	GGACA CCTGT	TGGAC ACCTG	AAGCC TTCGG
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TCCGG ACGA	T AAGAG	GTATO	TCCCG	AGGTA	A TICACA	GACCG	AGTCG	TCTCA
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76		770		780		790		
GGGGG ATCT			89	93				*
GGGGG ATCT	G GTGGG	GATGG	AGGAA	GCTTA	GCTAA	AAGCT	TTGTA	TAGGC
CCCC TAGA	C CACCC	CTACC	TCCTT	' CGAAI	CGATI	TTCGA	AACAT	ATCCG
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		820	CMCCC	830	)	840	<u> </u>	850
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TCATT GCATC	CCCAG	ATTGG	AAGGC	TTGGT	באבאיי	CCACA	CCAAC	CMMCC
AGTAA CGTAC	GGGTC	TAACC	TTCCC	DACCA	CTCTA	CCTCT	CCTTC	CIIGG
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AGCCT GGACC	TGAGG	CIGG	ACTAG	CTTTC	CTGTT	TCTGG.	AGTGG	ATGCC
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AACCC CCTGC	CCACC	AGCCT	<b>CCCIC</b>	TCCAC	GCCAG	GGACA	CACAG	ACTCC
AACCC CCTGC TTGGG GGACG	GGTGG	TCGGA	CGGAC	AGGTG	CGGTC	CCTGT	GTGTC	TGAGG
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746 TTCCC TTTCC AAGGG AAAGG	AGACT (TCTGA	1070 GGAAA CCTTT	ceece	1080 CTCCT GAGGA	GGGAG CCCTC	1090 AGÇAG TCGTC	GAAGG CTTCC	1100 * AAGCA TTCGT
946 TTCCC TTTCC AAGGG AAAGG	AGACT (TCTGA	1070 GGAAA CCTTT 1120	GCCCC	1080 CTCCT GAGGA	GGGAG CCCTC	1090 AGÇAG TCGTC	GAAGG CTTCC 〈	AAGCA TTCGT
946 TTCCC TTTCC AAGGG AAAGG 1110 ACCTG CAACT	AGACT (TCTGA (	1070 GGAAA CCTTT 1120 AGCCC	GCCCC CGGGG TGGAC	1080 CTCCT GAGGA 1130 CTTGG	GGGAG CCCTC 2 7 3 /	1090 AGÇAG TCGTC 1140 ACCTA	GAAGG CTTCC /	AAGCA TTCGT 1150
946 TTCCC TTTCC AAGGG AAAGG	AGACT (TCTGA (	1070 GGAAA CCTTT 1120 AGCCC	GCCCC CGGGG TGGAC	1080 CTCCT GAGGA 1130 CTTGG	GGGAG CCCTC 2 7 3 /	1090 AGÇAG TCGTC 1140 ACCTA	GAAGG CTTCC / CAGITT GTCAA	AAGCA TTCGT 1150 CAAGG
946 TTCCC TTTCC AAGGG AAAGG 1110 ACCTG CAACT	AGACT (TCTGA (	1070 GGAAA CCTTT 1120 AGCCC TCGGG	GCCCC CGGGG TGGAC ACCTG	1080 CTCCT GAGGA 1130 CTTGG GAACC	GGGAG CCCTC 2 7 3 / GCTGA CGACT	1090 AGÇAG TCGTC 1140 ACCTA TGGAT	GAAGG CTTCC / CAGITT GTCAA	AAGCA TTCGT 1150 CAAGG GTTCC
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746 TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT	AGACT (TCTGA (CTTCC AGAAGG CACAG (CACAG (CACACAG (CACACAG (CACACAG (CACACAG (CACACACACACACACACACACACACACACACACACACA	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT	GCCCC CGGGG TGCAC ACCTG	1080 CTCCT GAGGA  1130 CTTGG GAACC 1180 GGAAA	GGGAG CCCTC 273/ GCTGA CGACT	1090 AGÇAG TCGTC  1140 ACCTA TGGAT  1190 GAATC	GAAGG CTTCC / CAGITT GTCAA	AAGCA TTCGT 1150 CAAGG GTTCC 2131 1200 *
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746 TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160 TTTGT ATGCT AAACA TACGA	AGACT TCTGA CTTCC GAAGG CACAG GTGTC	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC	1080 CTCCT GAGGA  1130 CTTGG GAACC 1180 GGAAA CCTTT	GGGAG CCCTC 2 7 3 / GCTGA CGACT GATAA CTATT	1090 AGCAG TCGTC 1140 ACCTA TGGAT 1190 GAATC CTTAG	GAAGG CTTCC ( CAGITT GTCAA CCCAG GGGTC	AAGCA TTCGT 1150 CAAGG GTTCC 2731 1200 * GGCAC CCGTG
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TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  CCTCC CCCCC GGAGG GGGGG  1260	AGACT TCTGA  CTTCC GAAGG  CACAG GTGTC  GCCCC CGGGG  GCTGA	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG	GGGAG CCCTC 2 7 3 / GCTGA CGACT GATAA CTATT TAGCT ATCGA TGATG	1090 AGÇAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC	GAAGG CTTCC  CAGITT GTCAA  CCCAG GGGTC  GTCTG CAGAC	AAGCA TTCGT  1150 CAGG GTTCC  2732  1200  * GGCAC CCGTG  1250 CCCTT GGGAA  1300  * CTGAG
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TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  1210 CCTCC CCCCC GGAGG GGGGG  1260  CAGGG CAAGT GTCCC GTTCA  1310 GATGA CAATT	AGACT TCTGA CTTCC GAAGG CACAG GTGTC GCCCC GCGGGG GCTGA CCGACT GCTGAG CTGAG CTG	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270 CGCTC CGGGG  1320 ACAA	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC CCACT GGTGA	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG CTGAC  1330 CTTTC	GGGAG CCCTC 2°13/ GCTGA CGACT GATAA CTATT TAGCT ATCGA TGATG ACTAC	1090 AGCAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC CCCGG  1340 GTGGC	GAAGG CTTCC CAGIT GTCAA  CCCAG GGGTC GTCTG CAGAC  7 Y S  CTTTT GAAAA  AGAAC	AAGCA TTCGT 1150 CAAGG GTTCC 2731 1200 * GGCAC CCGTG 1250 CCCTT GGGAA 1300 * CTGAG GACTC 1350 AGCAT
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TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  CCTCC CCCCC GGAGG GGGGG  1260  CAGGG CAAGT GTCCC GTTCA  1310 GATGA CAATT CTACT GTTAA	AGACT OF TOTGA OF TOT	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270 CGCTC GCGAG  1320 ACAA CTGTT	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC CCACT GGTGA CCGTA	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG CTGAC  1330 TTTTC AAAAG	GGGAG CCCTC 273/ GCTGA CGACT GATAA CTATT TAGCT ATCGA TGATG ACTAC ELGIA TAGAG ATCTC	1090 AGCAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC CCCGG  1340 GTGGC CACCG	GAAGG CTTCC CAGIT GTCAA  CCCAG GGGTC GTCTG CAGAC  7 Y S  CTTTT GAAAA  AGAAC	AAGCA TTCGT  1150 CAAGG GTTCC 2732 1200  * GGCAC CCGTG  1250 CCCTT GGGAA  1300  * CTGAG GACTC  1350 AGCAT TCGTA
TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  1210 CCTCC CCCCC GGAGG GGGGG  1260  CAGGG CAAGT GTCCC GTTCA  1310 GATGA CAATT	AGACT OF TOTGA OF TOT	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270 CGCTC CGGGG  1320 ACAA	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC CCACT GGTGA CCGTA	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG CTGAC  1330 CTTTC	GGGAG CCCTC 273/ GCTGA CGACT GATAA CTATT TAGCT ATCGA TGATG ACTAC ELGIA TAGAG ATCTC	1090 AGCAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC CCCGG  1340 GTGGC	GAAGG CTTCC CAGIT GTCAA  CCCAG GGGTC GTCTG CAGAC  7 Y S  CTTTT GAAAA  AGAAC	AAGCA TTCGT 1150 CAAGG GTTCC 2731 1200 * GGCAC CCGTG 1250 CCCTT GGGAA 1300 * CTGAG GACTC 1350 AGCAT
TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  CCTCC CCCCC GGAGG GGGGG  1260  CAGGG CAAGT GTCCC GTTCA  1310 GATGA CAATT CTACT GTTAA  1360	AGACT OF TOTGA OF TOT	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270 CGCTC GCGAG  1320 ACAA CTGTT  1370	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC CCACT GGTGA CCGTA	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG CTGAC  1330 FTTTC AAAAG  1380	GGGAG CCCTC 2°13/ GCTGA CGACT GATAA CTATT TAGCT ATCGA TGATG ACTAC E'LGIA TAGAG ATCTC	1090 AGCAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC CCCGG  1340 GTGGC CACCG  1390	GAAGG CTTCC  CAGITT GTCAA  CCCAG GGGTC  GTCTG CAGAC  TCTTT GAAAA  AGAAC TCTTG	AAGCA TTCGT  1150 CAAGG GTTCC  2732  1200  * GGCAC CCGTG  1250 CCCTT GGGAA  1300  CTGAG GACTC  1350 AGCAT TCGTA  1400  *
TTCCC TTTCC AAGGG AAAGG  1110 ACCTG CAACT TGGAC GTTGA  1160  TTTGT ATGCT AAACA TACGA  CCTCC CCCCC GGAGG GGGGG  1260  CAGGG CAAGT GTCCC GTTCA  1310 GATGA CAATT CTACT GTTAA	AGACT OF TOTGA OF TOT	1070 GGAAA CCTTT  1120 AGCCC FCGGG  1170 GTCTT CAGAA  1220 CCAGT GGTCA  1270 CGCTC GCGAG  1370 ACAA ATCT GATCT GATCT ACAA ACAA ACAA AC	GCCCC CGGGG TGGAC ACCTG GGCAG CCGTC CCACT GGTGA T	1080 CTCCT GAGGA  1130 CTTGG GAACC  1180 GGAAA CCTTT  1230 GCAGG CGTCC  1280 GACTG CTGAC  1330 TTTC AAAAG  1380 CACAG	GGGAG CCCTC  2 7 3 / GCTGA CGACT  GATAA CTATT  TAGCT ATCGA  TGATG ACTAC  ELGIA TAGAG ATCTC	1090 AGCAG TCGTC  1140 ACCTA TGGAT  1190 GAATC CTTAG  1240 CCTGG GGACC  1290 GGGCC CCCGG  1340 GTGGC CACCG  1390 GCTTA	GAAGG CTTCC  CAGITT GTCAA  CCCAG GGGTC  GTCTG CAGAC  TCTTT GAAAA  AGAAC TCTTG	AAGCA TTCGT  1150 CAAGG GTTCC  2732  1200  * GGCAC CCGTG  1250 CCCTT GGGAA  1300  CTGAG GACTC  1350 AGCAT TCGTA  1400  * GGATT

1410												
GARAA TGGAG TTGCT CTCTT TGGGT GGCCT GGGGT TGTGT GGTGG GAGA CTTTT ACGTC AACGA GAGAA ACCCA CCGGA CCCCA ACACA CCACC CGTCT  1510		AAGTG	GGTAT	CATCA	TTACA	GGGAG	GGGCC	TCTGT	GGCCT	CCTGG		
GAAAA TGCAG TIGCT CICTT TGGGT GGCCT GGGGT TGTGT GGTGG GCAGA CTTTT ACGTC AACGA GAGAA ACCCA CCGGA CCCCA ACACAC CCGCC CGTCT  1510  GGACG GAGGT GCTCA TIGGG GGAG GGAT ACCTC TGTCT TGTCA GAGGT GCTCG CCTCC CTCCA CAGGT AACCC CCTTC CCTAG TGAAG ACGAG TCTCA CGAGC  1560  1570  1580  1590  1600  CAAGG GCCTT TCCTT TTCCT GAAGG CAAGC AGGCC TCCTC CCTCT CCTCT GTTCC CGGAA AAGGA ACTTCC GTTGC TCCG AGGAG GAAGA GGAGA GAAGA GGAGA GAAGA AAGAG TATAC GTAC CTCCT TCTCT CTCTC TTCTC ATATG CTGCT CACCA GTAAA  1660  1670  1680  1690  1700  1780  1780  1790  1780  1790  1800  1790  1800		1460	)	1470		1480		1490				
1560 1570 1580 1590 1600  CAAGG GCCTT TCCTT TTCCT GAAGG CAAGC AGGCC TCCTC CTCCT CTCTT GTTCC CGGAA AGGAA AAGGA CTTCC GTTCG TCCG AGGAG GAGAA  1610 1620 1630 1640 3445 31650  TCCTC CTTCT CCTCT TCCTC CTCTT TCTCC ATATG CTAG CTA										GCAGA		
CAAGG GCCTT TCCTT TTCCT GAAGG CAAGC AGGCC TCCTC CTCCT CTCTC GTTCC CGGAA AGGAA AAAAAA TCTTC TTCTC GAAGG CAAGC AGGAA GGAGA AGGAA AAAAAA ACCCC AACCC ACCCC AACCC CTCCT TCAACCT CCCAT CCCACC AACCC CTCCT TCACCACACCT CCCACCT CCCACCA AACCC CTCCACCACCACCACCACCC CTCCACCACCACCCAC	GGACG CCTGC	1510 GAGGT CTCCA	GCTCA CGAGT	1520 TTGGG AACCC	GGAAG CCTTC	1530 GGATC CCTAG	90++ ACTTC TGAAG	1540 TGCTC ACGAG	agagt TCTCA	1550 GCTCG CGAGC		
GTTCC CGGAA AGGA AAGGA CTTCC CTTCG TCCGG AGGAG GAGGA GAGGA  1610  1620  TCCTC CTTCT CCTCT TCCTC CTCTT TCTCC ATATG AGGAG GAAGA AGGAG GAGAA AGAGG TATAC GTGCT CATTT AGGAG GAAGA GGAGA AGGAG GAGAA AGAGG TATAC GGATC CACCA GTAAA  1660  1670  1680  1690  1700  CTAGG CACCA GCATG GTTGG GAAGG GGGCC TTGTC TTGGC CTTCC TCTTG GATCC CTGGT CGTAC CACCC CTTCC CCCGG AACAG AACCG GAAGG AGAAC  1710  8953  1730  1740  1750  TCCA ATTCC CTCTT TGACC AGAAG ACGGG GTGGG TTGGA ACCG GAAGA ACCT ATTGGA ATTCC CTCTT TGACC AGAAG ACGGG GTGGG TTGGA ATTGGA AGAGT TAAGG GAGAA ACCT TTCT TGCC CACCC ACCCC AC		1560		1570		1580		1590		1600 *		
TCTCC CTTCT CCTCT TCCTC CTCTT TCTCC ATATC CTTAGC CTTGT CCTCT TCCTC CTCTT TCTCC ATATC CTTAGCAGA GAGAA AGGAG GAGAA AGGAG TATAC GACCA GTAAA  1660 1670 1680 1690 1700  CTAGG GACCA GCATG GTTGG GAAGG GGGCC TTGTC TTGGC CTTCC TCTTG GATCC CTGGT CGTAC CAACC CTTCC CCCGG AACAG AACCC GAAGG AGAAC  1710 8453 1720 1730 1740 1750  TCTCA ATTCC CTCTT TGACC AGAAG ACGGG GTGGG TGGGG TAGGA ATACCT TAGAC TAGACG TAGAC GAAGA ACCCC ACCC A	CAAGG GTTCC	GCCTT	TCCTT AGGAA	TTCCT AAGGA	CTTCC	GTTCG	AGGCC TCCGG	TCCTC AGGAG	CTCCT GAGGA	CCTCT GGAGA		
CTAGG CACCA GCATG GTTGG GAAGG GGGCC TTGTC TTGGC CTTCC TCTTG GATCC CTGGT CGTAC CAACC CTTCC CCCGG AACAG AACCG GAAGG AGAAC  1710 8953 1720 1730 1740 1750  TCTCA ATTCC CTCTT TGAGC AGAAG ACGGG GTGGG TGGGG TAGGA TTGGA AGAGT TAAGG GAAGA ACTCG TCTTC TGCCC CACCC ACCCC AFCCT AACCT  20 1760 1770 1780 1790 1800  TAGTG GTTGA TGCCA AAGAT TGAAG GGGTA GGGCG GGGCA GAAGT GGGAA ATTCA CAACT ACGTC TCCTA ACCTT CCCGC CCCGT CTTCA CCCTT  EY32 1810 1820 1830 1840 1850  GGTCC CTGGC TTCCT CACCT TGGTA GATGG TGAGG AGCCC CAGAG GTTGA CCAGG GACCG AACGT GACCA CCAGG GACCA ACCAC TCTCC TCCGG GACCC CAGAC GTTGA CCAGG GACCA ACCAC TCTCC TCCGG GTCTC CAACT  1860 1870 1880 1890 1900  GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GACCA CCACC CACCA ACCTC TCCGA CGACA ACCTC TTGTT AGAAG AAACG AACCA CTGTT AAGGT CTTCC GAGGT CTACT ACTAC ACTCC TACAC GAAGA ACCA CTGTT AAGGT CTTCC GAGGT CTACT ACCTC TCCGA CGCGA ACCAA CCTGTT AAGGT CTTCC GAGGT CTACT ACCTC TCCGA CCCCT ACTAC ACTCC ACTAC ACTCC ACCTC ACTAC ACCTC TACAC ACCTC TCCGA CGCC ACCCC ACCC ACCCC ACCCC ACCC	TCCTC AGGAG	1610 CTTCT GAAGA	CCTCT GGAGA	1620 TCCTC AGGAG	CTCTT	1630 TCTCC	ATATG TATAC	1640 CTAG GGATC	3445 CTGGT GACCA	31650 CATTT GTAAA		
TOTCA ATTCC CTCTT TGAGC AGAGC GTGCC CACCC CACCC ACCC	٠	1660		1670		1680		1690				
TOTICA ATTCC CTCTT TGAGC AGAAG ACGGG GTGGG TAGGA TTGGA AGAGT TAAGG GAGAA ACTCG TCTTC TGCCC CACCC ACCCC ATCCT AACCT  2 0 1 1760 1770 1780 1790 1800  TAGTG GTTGA TGCCA AAGAT TGAAG GGGTA GGGCG GGGCA GAAGT GGGAA ATCAC CAACT ACGGT TTCTA ACTTC CCCAT CCCGC CCCGT CTTCA CCCTT  6/932  1810 1820 1830 1840 1850  GGTCC CTGGC TCCCT CACCT TGGTA GATGG TGAGG AGCCC CAGAG GTTGA CCAGG GACCG AAGGA GTGGA ACCAT CTACC ACTCC TCGGG GTCTC CAACT  1860 1870 1880 1890 1900  GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GCTGT CGACT CGTCG TCGAC ACTAA AGTCC CACGG AGACA ACCTC TCCGA CGACA  1910 1920 1930 290 1950  GATTT GAAAA TCTTC TTTCC TTGGT GACAA TTCCA GAAGG CTCCA GATCA CTAAA CTTTT AGAAG AAAGG AACCA CTGTT AAGGT CTTCC GAGGT CTACT  1960 1970 1980 1990 2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGGA ATTCC TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CCACA GGGAC TCCGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  TTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCCCC TGGGG  TTTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCCTC CTGGGG  TTTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG												
TAGTG GTTGA TGCCA AAGAT TGAAG GGGTA GGGCG GGGCA GAAGT GGGAA ATCAC CAACT ACGGT TTCTA ACTTC CCCAT CCCGC CCCGT CTTCA CCCTT  #752  1810  1820  1830  1840  1850  GGTCC CTGGC TTCCT CACCT TGGTA GATGG TGAGG AGCC CAGAG GTTGA CCAGG GACCG AAGGA GTGGA ACCAT CTACC ACTCC TCGGG GTCTC CAACT  1860  1870  1880  1890  1900  GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GCTGT CGACT CGTCG TCGAC ACTAA AGTCC CACGG AGACA ACCTC TCCGA CGACA  1910  1920  1930  2900  2010  2020  2030  2040  2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CACAC GGGAC TCGGA TCCCA CTGTC CCGGA GACGA  2010  2010  2020  2030  2040  2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CACAC GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060  2070  2080  2090  2100  206C TTTATA TCTCC CTTCA GGGTA CCACC CCACC AGGAG GCCTC CGGGC TGGGG	TCTCA AGAGT	ATTCC	CTCTT	TGAGC	AGAAG	ACGGG	GTGGG	TGGGG	TAGGA	TTGGA		
ATCAC CAACT ACGGT TTCTA ACTTC CCCAT CCCGC CCCGT CTTCA CCCTT  6/32  1810  1820  1830  1840  1850  GGTCC CTGGC TTCCT CACCT TGGTA GATGG TGAGG AGCCC CAGAG GTTGA CCAGG GACCG AAGGA GTGAA ACCAT CTACC ACTCC TCGGG GTCTC CAACT  1860  1870  1880  1890  1900  GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GCTGT CGACT CGTCG TCGAC ACTAA AGTCC CACGG AGACA ACCTC TCCGA CGACA  1910  1920  1920  1930  2900  ATTGT ATTGG TGAGA AAAGG AACCA CTGTT AAGGT CTCCC GAGGT CTACT  1960  1970  1980  1990  2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGAA ATTCG TCAGG GTCGA CCCCT ACTAC  2010  2020  2030  2040  2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CCACA GGGAC TCCGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060  2070  2080  2090  2100  3902  TTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	د کا ۱۰۰	<b>⊭1760</b>		1770		1780		1790		1800		
1810 1820 1830 1840 1850  GGTCC CTGGC TTCCT CACCT TGGTA GATGG TGAGG AGCCC CAGAG GTTGA CCAGG GACCG AAGGA GTGGA ACCAT CTACC ACTC TCGGG GTCTC CAACT  1860 1870 1880 1890 1900  GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GCTGT CGACT CGTCG TCGAC ACTAA AGTCC CACGG AGACA ACCTC TCCGA CGACA  1910 1920 1930 290 1940 1950  GATTT GAAAA TCTTC TTTCC TTGGT GACAA TTCCA GAAGG CTCCA GATGA CTAAA CTTTT AGAAG AAAGG AACCA CTGTT AAGGT CTTCC GAGGT CTACT  1960 1970 1980 1990 2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGGA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT  CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  FYOL TITTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	ATCAC	CAACT	TGCCA ACGGT	AAGAT TTCTA	TGAAG ACTTC	GGGTA CCCAT	CCCCC GGGCG	GGGCA CCCGT	GAAGT CTTĆA	GGGAA CCCTT		
GCTGA GCAGC AGCTG TGATT TCAGG GTGCC TCTGT TGGAG AGGCT GCTGT CGACT CGTCG TCGAC ACTAA AGTCC CACGG AGACA ACCTC TCCGA CGACA  1910 1920 1930 290 1940 1950  GATTT GAAAA TCTTC TTTCC TTGGT GACAA TTCCA GAAGG CTCCA GATCA CTAAA CTTTT AGAAG AAAGG AACCA CTGTT AAGGT CTTCC GAGGT CTACT  1960 1970 1980 1990 2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGCA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT  CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  B902 TTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	GGTCC	1810 CTGGC	TTCCT	CACCT	TGGTA	GATGG	TGAGG	AGCCC	CAGAG	GTTGA		
1910 1920 1930 290 1940 1950  GATTT GAAAA TCTTC TTTCC TTGGT GACAA TTCCA GAAGG CTCCA GATCA CTAAA CTTTT AGAAG AAAGG AACCA CTGTT AAGGT CTTCC GAGGT CTACT  1960 1970 1980 1990 2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGGA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT  CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  \$902  TTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG		1860		1870		ີ 1880 ∋		1890	;	1900		a
GATTT GAAAA TCTTC TTTCC TTGGT GACAA TTCCA GAAGG CTCCA GATGA CTAAA CTTTT AGAAG AAAGG AACCA CTGTT AAGGT CTTCC GAGGT CTACT  1960 1970 1980 1990 2000  ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGGA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  FTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	GCTGA CGACT	GÇAGC CGTCG	AGCTG TCGAC	TGATT ACTAA	TCAGG AGTCC	CACGG CACGG	TCTGT AGACA	TGGAG	AGGCT TCCGA	GCTGT CGACA		<i>3</i>
ATTGT ATTGG TGAGT GCCTG GCCCT TAAGC AGTCC CAGCT GGGGA TGATG TAACA TAACC ACTCA CGGAC CGGGA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050 GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  71TTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	GATTT CTAAA	GAAAA CTTTT	TCTTC AGAAG	ŢŢŢĊĊ AAAGG	AACCA	GACAA CTGTT V	TTCCA	GAAGG CITCC	CTCCA GĄGGT	CTACT	St	at
TAACA TAACC ACTCA CGGAC CGGGA ATTCG TCAGG GTCGA CCCCT ACTAC  2010 2020 2030 2040 2050  GGGAT TTATG GGTGT CCCTG AGCCT AGGGT GACAG GGCCT CTCCT TTTTT  CCCTA AATAC CCACA GGGAC TCGGA TCCCA CTGTC CCGGA GAGGA AAAAA  2060 2070 2080 2090 2100  3902  TTTTA TTCTG CTTCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	ATTGT	ATTGG	TGAGT		GCCCIT		AGTCC		GGGGA	* TGATG		
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TITTA TICTG CITCA GGGTA CCACC CCACC AGGAG GCTGC GGGCC TGGGG	20			2070	y pol	2080		2090		2100	•	
	TTTTA	TTCTG									C <sub>i</sub>	

	•		,	alt L-T	AIC	<b>•</b>	
1 10 16 2110	2120 GGAGG AGCAA	CATTC	2180 ATG T	L-T AATITT	2140 GGTTT	o K. F	2150 GCTGT
GCCGG ATCGA 2160	CCTCC TCGTT	GTĀĀĢ	TACEA 2180	AAATT	.CCAAA 2190	AAGAC	2200
•	TCCTG GAAGT AGGAC CTTCA		-		_	632	4
2210 CTT <u>AT CTGGC</u> GAATA GACCG	88 15 2220 ACTGG CCTTT TGACC GGAAA				2240 AGAGC TCTCG	TACCT ATGGA	'2250 GGTGA CCACT
2260	2270	, Msc	72280		2290		2300
CACCT GCACT GTGGA CGTGA	CGCTA TGGCA GCGAT ACCGT 2320	ACCGG	AGCTG TCGAC	GGCAG	TGAGT. ACTCA	GCTAA. CGATT	GGCCT
GCCTG •CTAGC	2320 CAGTG CTGAT GTCAC GACTA	GCTGT-	GGTCT	,TCCAC	CACCG	TGAGC	TGCAA
2360	2370		2380		2390		2400
TGGGC CGTTA	CTCTC CTACC GAGAG GATGG	CCTGG GGACC	ACCAG TGGTC	AGGCC TCCGG	ACACG TGTGC	GACAG CTGTC	GGAAC
685/ 2410 GGTCT GGGCC CCAGA CCCGG	TCCAT GGAAT AGGTA CCTTA	CGCCC	2430 AGTAA TCATT	TACCC ATGGG	2440 ATGGT TACCA	CTCCA GAGGT	AGCGA
2460	2470	omoon.	2480	3.maaa	2490		2500 *
AGGCC CCGTA	CTTCA ACTGG GAAGT TGACC		CTCGA	TAGCC	GCACT	AAGTC	TATAG
	2520 ACGGT CGCTT TGCCA GCGAA		CTCTC		GCCCA		
2560				6.17			2600
TGGCC GGTTT	AGCAG GATGG TCGTC CTACC	GACGG	ACCCA FUFF	CTAGT	CGTTA	AAGGT	CCTCG
2610  GGCAG CAGCG CCGTC GTCGC 8052	2620 TGCAA AGCTG AGGTT TCGAC	TACCG ATGGC	GCAGC	TGGCC ACCGG	CCTCA	TCTGC AGACG	AGGTG TCCAC
2660	2670		2680		2690		2700 *
	GTCGC GCCAG CAGCG CGGTC						
2710 GCCCA CTTTG CGGGT GAAAC	GCCCG GTACC CGGGC CATGG	GCTTC	TACCT	GGCCT CCGGA	TTGAG	AACTC	2750 ACAGC TGTCG
	2770		2780		2790		2800 *
ATCGG GACTA	CATCA CTGAG GTAGT GACTC	AAGTT TTCAA	CTGGC IGACCG	GCAAT CGTTA	GCCCT CGGGA	GCGGG CCGCG	CTGGT GACCA

GCTGT	TGGGC	TGGCG ACCGC	CTGGG	TGGAG	CTCGG	CCCAC	CTACG	TCCGA	TTTGT	
CUALA	10000	ACCGC	GACCC	IGGAG	GAGCC	CGGIG	GAIGC	ICCGA	AAACA	
	2860		2870		2880		2890		2900	
	CACAM	CCCDD	mcma c	N CCMC	C2 CC2	CDDC3	CCMCM	cccc	*	
CCCAC	CAGAT	GCCTT CGGAA	ACATO	TCCAC	CTCCT	CAACT	CCACA	CCCCC	ACTTG	
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TGGCT	GTCTT	CCTCG GGAGC	TCAGC	ATGAA	TGAGA	GTCGT	TATCG	TGGCT	TCTTT	
ACCGA	CAGAA	GGAGC	AGTCG	TACTT	ACTCT	CAGCA	ATAGC	AUCGA	AGAAA	
	2960		2970		2980	22	2990		3000	
								5866	D	Ec097 111
GCTTG	GCGAG	ACCGG	CTCCG	TGTGC	GGCTC	CTGGG	TGACT	COLOG	GEOCG.	
CGAAC	CGCTC	TGGCC	GAGGG	ACACG	CCGAG	GACCC	ACTGA	GCTCC	CITCGC	
	<u>3</u> 010		3020		3030		3040	•	3050	Δ
CTTCT	GCACC	ATCTG	TGCCC	GCTAC	CCTTA	CTTGC	CCCGC	AGCCA	GGTCT CCAGA	3820
GAAGA	CGTGG	TAGAC	ACGGG	CGATG			GGGCG	TCGGT	CCAGA	
7	3060		3070		ව 3080	846	3090		3100	
	3000		3070			STOP	3030		*	
ATGAA	GACCT	TGAAA	GCTGG	TTCCA	GGCT	GAACT	CCTGC	TGCTG	GGAGA	
TACTT	CTGGA	ACTTT	CGACC	AAGGT	CCGAA	CTTGA	GGACG	ACGAC	CCTCT	
	3110		3120		3130		3140		3150	
GGCTG		GTGGĢ								
CCGAC	CTÀCC	CACCC	TCTGA	CTACA	ACTTT	GGTTT	CTĆGA	CCĆGT	AGGTC	
	2160		2170		2100		21.00		2200	
	3160		3170		3180		3190		3200	
GCTT <u>T</u>	TGGTC	ACCAT	GGCAC	TACCC	CAAGG	CTTTT	CCTGT	TCAGŢ	GAGCA	
GCTT <u>T</u> CGAAA	TGGTC	ACCAT TGGTA	GGCAC CCGTG	TACCC ATGGG	CAAGG	CTTTT	CCTGT	TCAGT AGTCA	GAGCA	
CGAAA	TGGTC ACCAG	ACCAT TGGTA	GGCAC CCGTG	TACCC	CAAGG GTTCC	CTTTT GAAAA	CCTGT GGACA	AGTCA	GAG <u>CA</u> CTCGT	
CGAAA .890:	TGGTC ACCAG	ACCAT TGGTA	GGCAC CCGTG 88	TACCC ATGGG	CAAGG GTTCC	CTTTT GAAAA	CCTGT GGACA	AGTCA	GAGCA CTCGT	
CGAAA 8905 GGAAT	TGGTC ACCAG 3210 TCAGG	ACCAT TGGTA	GGCAC CCGTG &E 3220 AGGAG	TACCC ATGGG 3+1- AAGAC	CAAGG GTTCC 3230 TGGGC	CTTTT GAAAA TGAGA	CCTGT GGACA 3240 TACCC	AGTCA TGGTG	GAGCA CTCGT 3250 GGCTT	
CGAAA 8905 GGAAT	TGGTC ACCAG 3210 TCAGG AGTCC	ACCAT TGGTA ATATA TATAT	GGCAC CCGTG 3220 AGGAG TCCTC	TACCC ATGGG 5+1- AAGAC TTCTG	CAAGG GTTCC 3230 TGGGC ACCCG	CTTTT GAAAA TGAGA ACTCT	CCTGT GGACA 3240 TACCC ATGGG	TGGTG ACCAC	GAGCA CTCGT 3250 GGCTT CCGAA	
CGAAA 8905 GGAAT CCTTA	TGGTC ACCAG 3210 TCAGG AGTCC	ACCAT TGGTA ATATA TATAT	GGCAC CCGTG &E 3220 AGGAG	TACCC ATGGG 5+1- AAGAC TTCTG	CAAGG GTTCC 3230 TGGGC ACCCG	CTTTT GAAAA TGAGA ACTCT	CCTGT GGACA 3240 TACCC ATGGG	AGTCA TGGTG	GAGCA CTCGT  3250 GGCTT CCGAA  3300	
GGAAA GGAAT CCTTA Eco2	TGGTC ACCAG 3210 TCAGG AGTCC L 3260	ACCAT TGGTA ATATA TATAT	GGCAC CCGTG 3220 AGGAG TCCTC	TACCC ATGGG 3+1- AAGAC TTCTG	CAAGG GTTCC 3230 TGGGC ACCCG 3280	CTTTT GAAAA TGAGA ACTCT	CCTGT GGACA 3240 TACCC ATGGG 3290	TGGTG ACCAC	GAGCA CTCGT  3250 GGCTT CCGAA  3300	
GGAAA  GGAAT  CCTTA  ECC2  TAGAG	TGGTC ACCAG 3210 TCAGG AGTCC J 3260	ACCAT TGGTA ATATA TATAT	GGCAC CCGTG 3220 AGGAG TCCTC 3270	TACCC ATGGG 5+7 AAGAC TTCTG	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG	CTTTT GAAAA TGAGA ACTCT	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG	TGGTG ACCAC	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG	
GGAAA  GGAAT  CCTTA  ECC2  TAGAG	TGGTC ACCAG 3210 TCAGG AGTCC 3260 TAGGG ATCCC	ACCAT TGGTA ATATA TATAT GCCCA CGGGT	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT	TACCC ATGGG  AAGAC TTCTG  AGAGA TCTCT	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC	TGGTG ACCAC GAGCA CTCGT	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC	
GGAAA GGAAT CCTTA E C A TAGAG ATCTC	TGGTC ACCAG 3210 TCAGG AGTCC 3260 TAGGG ATCCC 3310	ACCAT TGGTA ATATA TATAT GCCCA CGGGT	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT	TACCC ATGGG AGAGA TCTCT	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC	TGGTG ACCAC GAGCA CTCGT	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC	
GGAAA GGAAT CCTTA ECCA TAGAG ATCTC	TGGTC ACCAG 3210 TCAGG AGTCC 3260 TAGGG ATCCC 3310 GTGGC	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC	TACCC ATGGG  AGAC TTCTG  AGAGA TCTCT  TGACT	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG	TGGTG ACCAC GAGCA CTCGT	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC  3350 GGCTC	
GGAAA GGAAT CCTTA ECCA TAGAG ATCTC	TGGTC ACCAG 3210 TCAGG AGTCC J3260 TAGGG ATCCC 3310 GTGGC CACCG	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG ACTCC	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG	TACCC ATGGG  AGAGA TCTCT TGACT ACTGA	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG	
GGAAA GGAAT CCTTA ECCA TAGAG ATCTC	TGGTC ACCAG 3210 TCAGG AGTCC J3260 TAGGG ATCCC 3310 GTGGC CACCG	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG	TACCC ATGGG  AGAGA TCTCT TGACT ACTGA	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400	
GGAAA  GGAAT  CCTTA  ECCZ  TAGAG  ATCTC  GGAAG  CCTTC	TGGTC ACCAG  3210 TCAGG AGTCC  TAGGG ATCCC  3310 GTGGC CACCG  3360	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG ACTCC	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370	TACCC ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400 *	
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GGAAA  GGAAT  CCTTA  ECCZ  TAGAG  ATCTC  GGAAG  CCTTC	TGGTC ACCAG  3210 TCAGG AGTCC  TAGGG ATCCC  3310 GTGGC CACCG 3360 CCATG GGTAC	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG ACTCC GCTGG CGACC	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC	TACCC ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA 3380 CTACA GATGT	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG CTTCT GAAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400 * TGCTT ACGAA	
GGAAA  GGAAT  CCTTA  ECC.  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG	TGGTC ACCAG  3210 TCAGG AGTCC  3260 TAGGG ATCCC  3310 GTGGC CACCG  3360 CCATG GGTAC  3410	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG ACTCC GCTGG CGACC	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC	TACCC ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG	CAAGG GTTCC 3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA 3380 CTACA GATGT	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG CTTCT GAAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA	AGTCA TGGTG ACCAC GAGCA CTCGT CTGAA GACTT CAAGG GTTCC	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400 * TGCTT ACGAA  3450	
GGAAA  GGAAT  CCTTA  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG  AGCCT	TGGTC ACCAG  3210 TCAGG AGTCC  3260 TAGGG ATCCC  3310 GTGGC CACCG  3360 CCATG GGTAC  3410 CAAGG	ACCAT TGGTA  ATATA TATAT  GCCCA CGGGT  TGAGG ACTCC  GCTGG CGACC  £ 9.5 % TTGCA	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC 3420 GATGC	TACCC ATGGG  ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG	CAAGG GTTCC  3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA 3380 CTACA GATGT  3430 CTACA GATGT	CTTTT GAAAA  TGAGA ACTCT  AATTA TTAAT  TGACC ACTGG  CTTCT GAAGA  ACTCT	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA 3440 GGGTG	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT CAAGG GTTCC	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400 * TGCTT ACGAA  3450 TGTAC	
GGAAA  GGAAT  CCTTA  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG  AGCCT	TGGTC ACCAG  3210 TCAGG AGTCC  3260 TAGGG ATCCC  3310 GTGGC CACCG  3360 CCATG GGTAC  3410 CAAGG	ACCAT TGGTA ATATA TATAT GCCCA CGGGT TGAGG ACTCC GCTGG CGACC	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC 3420 GATGC	TACCC ATGGG  ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG  ACCCT TGGGA	CAAGG GTTCC  3230 TGGGC ACCCG  3280 CAATG GTTAC  3330 TACCT ATGGA  3380 CTACA GATGT  3430 CTACA GATGT	CTTTT GAAAA  TGAGA ACTCT  AATTA TTAAT  TGACC ACTGG  CTTCT GAAGA  ACTCT  TGAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA 3440 GGGTG	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT CAAGG GTTCC	GAGCA CTCGT  3250 GGCTT CCGAA  3300 * TATGG ATACC  3350 GGCTC CCGAG  3400 * TGCTT ACGAA  3450 TGTAC	
GGAAA  GGAAT  CCTTA  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG  AGCCT	TGGTC ACCAG  3210 TCAGG AGTCC  3260 TAGGG ATCCC  3310 GTGGC CACCG  3360 CCATG GGTAC  3410 CAAGG	ACCAT TGGTA  ATATA TATAT  GCCCA CGGGT  TGAGG ACTCC  GCTGG CGACC  E 9 5 C  TTGCA AACGT	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC 3420 GATGC	TACCC ATGGG  ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG  ACCCT TGGGA	CAAGG GTTCC  3230 TGGGC ACCCG 3280 CAATG GTTAC 3330 TACCT ATGGA 3380 CTACA GATGT  3430 CTACA GATGT	CTTTT GAAAA TGAGA ACTCT AATTA TTAAT TGACC ACTGG CTTCT GAAGA ACTCT TGAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA 3440 GGGTG	TGGTG ACCAC  GAGCA CTCGT  CTGAA GACTT  CAAGG GTTCC  CAGAC GTCTG	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC  3350 GGCTC CCGAG  3400  * TGCTT ACGAA  3450 TGTAC ACATG  3500	
GGAAA  GGAAT  CCTTA  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG  AGCCT  TCGGA	TGGTC ACCAG 3210 TCAGG AGTCC 3260 TAGGG ATCCC 3310 GTGGC CACCG 3360 CCATG GGTAC 3410 CAAGG GTTCC 3460	ACCAT TGGTA  ATATA  ATATA  GCCCA CGGGT  TGAGG ACTCC  GCTGG CGACC  E 9 5 9  TTGCA  AACGT	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC 3420 GATGC CTACG 3470	TACCC ATGGG  ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG  ACCCT TGGGA	CAAGG GTTCC  3230 TGGGC ACCCG  3280 CAATG GTTAC  3330 TACCT ATGGA  3380 CTACA GATGT  GATCA  3430 CTACA GATGT  3430 CTACA 3430 CTACA GATGT	CTTTT GAAAA  TGAGA ACTCT  TGACC ACTGG  CTTCT GAAGA  ACTCT TGAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA 3440 GGGTG CCCAC	TGGTG ACCAC GAGCA CTCGT CTGAA GACTT CAAGG GTTCC	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC  3350 GGCTC CCGAG  3400  * TGCTT ACGAA  3450 TGTAC ACATG  3500 *	
GGAAA  GGAAT  CCTTA  ECCZ  TAGAG  ATCTC  GGAAG  CCTTC  CATGC  GTACG  AGCCT  TCGGA  ACTGG	TGGTC ACCAG  3210 TCAGG AGTCC  3260 TAGGG ATCCC  3310 GTGGC CACCG  3360 CCATG GGTAC  3410 CAAGG GTTCC  3460 GCGCA	ACCAT TGGTA  ATATA TATAT  GCCCA CGGGT  TGAGG ACTCC  GCTGG CGACC  E 9 5 C  TTGCA AACGT	GGCAC CCGTG 3220 AGGAG TCCTC 3270 GGATA CCTAT 3320 GTCCC CAGGG 3370 AGCTG TCGAC 3420 GATGC CTACG 3470 TTGTG	TACCC ATGGG  ATGGG  AAGAC TTCTG  AGAGA TCTCT  TGACT ACTGA  GGACC CCTGG  ACCCT TGGGA  GAAGG	CAAGG GTTCC  3230 TGGGC ACCCG  3280 CAATG GTTAC  3330 TACCT ATGGA  3380 CTACA GATGT  GATCA  3430 CTACA GATGT  A430 CTACA GATGT  A430 ACAGT	CTTTT GAAAA  TGAGA ACTCT  AATTA TTAAT  TGACC ACTGG  CTTCT GAAGA  ACTCT TGAGA  GCAGA	CCTGT GGACA 3240 TACCC ATGGG 3290 ATGAG TACTC 3340 CATGG GTACC 3390 ATAGT TATCA 3440 GGGTG CCCAC 3490	TGGTG ACCAC  GAGCA CTCGT  CTGAA GACTT  CAAGG GTTCC  CAGAC GTCTG	GAGCA CTCGT  3250 GGCTT CCGAA  3300  * TATGG ATACC  3350 GGCTC CCGAG  3400  * TGCTT ACGAA  3450 TGTAC ACATG  3500 * CTTTT	

3510 3520 3530 3540 3550 GACAC CACAG TTCCC CCAGG GAAAG AGGCA CTACT AATAA AAACA CTGAC CTGTG GTGTC AAGGG GGTCC CTTTC TCCGT GATGA TTATT TTTGT GACTG

3560 3570 3580 3590
AGAAA TCTCC TGGTC AAGTC TGTTA GGCAG CAGAG CTCGA ATTC
TCTTT AGAGG ACCAG TTCAG ACAAT CCGTC GTCTC GAGCT TAAG